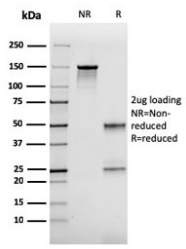
FABP2 Antibody (intestinal) [clone CPTC-FABP2-3] (V7763)

Catalog No.	Formulation	Size
V7763-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7763-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7763SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CPTC-FABP2-3
Purity	Protein G affinity chromatography
UniProt	P12104
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This FABP2 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free FABP2 antibody (clone CPTC-FABP2-3) as confirmation of integrity and purity.

Description

The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15kDa

proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance.

Application Notes

Optimal dilution of the FABP2 antibody should be determined by the researcher.

Immunogen

Recombinant full length human FABP2 protein was used as the immunogen for the FABP2 antibody.

Storage

Store the FABP2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).